



Proposed Code Change
State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

FOR OFFICE USE ONLY

Received 5/12/09

Code 1.5-09R

INSTRUCTIONS:

Only TYPED copy accepted.

(KEY – Dashed line through material to be deleted, underline material to be added)

Use second sheet for any material requiring more space.

Code Title International Residential Code		Edition 2009
Section number and title <u>R106.4 Reuse of Structural Materials</u>		Page 2
Proponent Carolyn Schleif	Title President, Nightingale Designs, Inc.	
Address 10517 Hyde Park, Carmel, IN 46032		Phone (317) 580-0540
PROPOSED CODE CHANGE (Check One)		
<input type="checkbox"/> Change to read as follows <input checked="" type="checkbox"/> Add to read as follows <input type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution		
<p><u>Add a section R106.4 to read as follows: R106.4 Reuse of Structural Materials.</u></p> <p><u>(a) ENGINEERED WOOD PRODUCTS. The reuse of previously installed engineered wood products shall be approved by the building official. The building official shall require the installer to obtain a certification from a registered design professional for the use of the product in the new location if the new use does not meet the installation requirements of the manufacturer of the product, or if the product has been altered or damaged.</u></p> <p><u>(b) SOLID SAWN LUMBER. The reuse of solid sawn lumber shall be approved by the building official and shall meet the requirements of this code for the installation in its new location.</u></p>		
REASON AND FISCAL IMPACT		
<p>As currently written, it would appear that a building official who is not an engineer could certify structural members (beams, etc) for reuse. With the current "recycling" of building materials trends, it appears that there will be more and more demand for reusing all materials. Canada has required this for structural members (beams, trusses, etc.) since I worked there 14 years ago. It is very quick, and certification means a signed letter by the structural engineer, which they bring with them to the job site.</p> <p>Re-sizing or ripping structural members intended for re-use lose their grading, and should be checked by a structural engineer.</p> <p>Fiscal impact – very cheap insurance policy to prevent building collapse. Monies saved by reuse instead of purchasing new materials, as well as cost savings in transportation costs would easily offset this and probably net a cost savings.</p>		
REVIEW RECOMMENDATION		
Approve		
Disapprove		
Approve as amended		
Further Study		

Deleted: R104.9.1 Used Materials

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Deleted: Add last sentence: Reuse and re-sizing of structural members & trusses shall be certified & approved by a structural engineer for the intended use.

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